

Batteries (TB 43-0134)

I. General

1. **Never** store Hazardous Material (HM) including all kinds of batteries at your workplace or recreation room where food and drinks are stored or consumed!
2. **Always** have access to the Material Safety Data Sheet (MSDS) of the HM you work with or store!
3. Have a current Red Plan available at the workplace!
4. Send an inventory-list of all hazardous material stored to the Environmental Division **once a year after first quarter of FY!**
5. Personal protective equipment **must be** used when handling batteries that show signs of leaking, bulging, swelling, or deformity!
6. **Do not** package any battery if it is hot/warm (only when cool to the touch)!
7. All batteries **must be** turned in at Conn Barracks, building #147 on Tuesdays from 0900 to 1500 hrs! Sort the batteries according to type and composition!
8. Tactical vehicle batteries (wet and gel [HAWKER]) **must be** turned in at Conn Barracks, building # 1166 on Thursdays from 0900 to 1100 hrs!



<http://battery.army.mil/ipm/>

II. Sources for MSDSs

1. The MSDS should be included with the product when it is purchased or received. Always ask for a copy of the respective MSDS when purchasing and picking up an ordered product.
2. If the MSDS is not included with the product or if no MSDS is available for products already stored at your location, you can usually obtain them from the following internet sites:

<http://hmirmsds.dlis.dla.mil> (user ID: nu03300, leave password blank)

<http://hazard.com/msds>

<http://msds.chem.ox.ac.uk/msds-searcher.html>

http://www.dlis.dla.mil/webflis/pub/pub_search.aspx

3. MSDSs (*Sicherheitsdatenblätter*) in other languages:

<http://www.dguv.de/bgia/de/gestis/icsc/index.jsp#> (German)

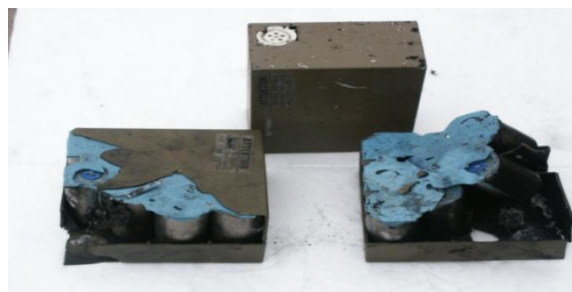
<http://www.kodak.com/US/en/corp/hse/prodSearchMSDS.shtml>

Batteries Information Sheet

USAG Schweinfurt, DPW, Environmental Division (Bldg. 251), DSN 354-6795
usarmy.schweinfurt.usareur.list.dpw-environmental@mail.mil

III. Lithium batteries

1. Keep lithium batteries away from water or humidity. **Do not** use water-based fire extinguishers!
2. Lithium batteries **must be** vented prior to transportation or turn-in!
 - a. Always follow the instructions (warning label) on the battery or packaging!
 - b. Remove strip/tag completely and/or depress button until click is heard. Some lithium batteries (Li-SO₂) have a LED as Complete Discharge Device (CDD) indicator!
 - c. Discharge in well ventilated area for at least 5 days!
 - d. Make sure all batteries are placed at least 2 inches (5 cm) apart in all directions!
3. All lithium batteries **must be** protected against external short circuiting!
 - a. Tape the exposed contacts or place the battery in a small individual plastic bag or cardboard box (e.g. original packaging)!
 - b. Short circuited batteries develop extreme heat!



IV. First Aid Measures

1. Inhalation: Remove from exposure, rest and keep warm. In severe cases obtain medical attention.
2. Skin contact: Wash off skin thoroughly with cold water. Remove contaminated clothing and wash before re-use. In severe cases obtain medical attention.
3. Eye contact: Irrigate thoroughly with cold water for at least 15 minutes. Obtain medical attention.
4. Ingestion: Wash out mouth thoroughly with water and give plenty of water to drink. Obtain medical attention.

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